

## CLAIMS

1. A remote-control toy comprising:

a controller that transmits a control signal containing an operating instruction based on an operation by a user;

a driving device that is controlled to drive based on the control signal; and

an extension unit that is capable of receiving the control signal,

the extension unit including:

a unit main body; and

a signal processing device that can be detachably connected to an external portion of the unit main body,

the unit main body including:

a signal receiver that receives the control signal;

a terminal portion that outputs the received control signal to the signal processing device; and

a processor that performs processing based on to an instruction signal that is output from the signal processing device,

the signal processing device including:

a connecting portion that is connected to the terminal portion;

a processing determining unit that discriminates the contents of the operating instruction contained in the control signal that is input through the connecting portion, and determines processing corresponding to the instruction contents; and

an instruction signal output unit that produces the instruction signal based on the determined processing, and outputs the produced instruction signal to the connecting portion,

the processor performing the determined processing based on the instruction signal that is input through the terminal portion.

2. The remote-control toy, wherein

the processing determining unit determines processing with respect to the sound corresponding to the instruction contents, and

the signal output unit outputs sound based on the instruction signal.

3. An extension unit that is provided in a remote-control toy that has a controller that transmits a control signal containing an operating instruction according to an operation by a user, and a driving device that is controlled to drive based on the control signal, the extension unit being capable of receiving the control signal,

the extension unit including:

a unit main body; and

a signal processing device that can be detachably connected to an external portion of the unit main body,

the unit main body including:

a signal receiver that receives the control signal;

a terminal portion that outputs the received control signal to the signal processing device; and

a processor that performs processing based on an instruction signal that is output from the signal processing device,

the signal processing device including:

a connecting portion that is connected to the terminal portion;

a processing determining unit that discriminates the contents of the operating instruction contained in the control signal that is input through the connecting portion, and determines processing corresponding to the instruction contents; and

an instruction signal output unit that produces the instruction signal based on the determined processing, and outputs the produced instruction signal to the connecting portion,

the processor performing the determined processing based on the instruction signal that is input through the terminal portion.